



Key Instant Recall Facts (KIRFs)

Year 4 Summer term 1

I know multiplication and division facts to 12 x 12

Multiplication Chart 12 X 12

1	2	3	4	5	6	7	8	9	10	11	12
2	4	6	8	10	12	14	16	18	20	22	24
3	6	9	12	15	18	21	24	27	30	33	36
4	8	12	16	20	24	28	32	36	40	44	48
5	10	15	20	25	30	35	40	45	50	55	60
6	12	18	24	30	36	42	48	54	60	66	72
7	14	21	28	35	42	49	56	63	70	77	84
8	16	24	32	40	48	56	64	72	80	88	96
9	18	27	36	45	54	63	72	81	90	99	108
10	20	30	40	50	60	70	80	90	100	110	120
11	22	33	44	55	66	77	88	99	110	121	132
12	24	36	48	60	72	84	96	108	120	132	144

Top Tips

- The secret to success is practising little and often.
- Try choosing one or two facts to focus on each day.
- Ensure that your children understand the link between the multiplication and division facts. E.g. If $9 \times 7 = 63$, then $63 \div 7 = 9$ and $63 \div 9 = 7$

Questions to Ask

- How does knowing $12 \times 10 = 120$, help you answer 12×9 ?
- What patterns do you notice in the 9x and 11x tables?
- What multiplication fact have you used to answer your division question?

Game / Activity Ideas

- Roll 2 dice. Multiply the numbers
 - www.timetables.co.uk
 - www.topmarks.co.uk/maths-games/hit-the-button
- How many times table multiplication and division facts can you write down in 2 minutes.